

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT (PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 20826/309534	<div style="display: flex; justify-content: space-between;"> <div>FOR FURTHER ACTION</div> <div>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div> </div>	
International application No. PCT/IB2004/002528	International filing date ( <i>day/month/year</i> ) 06 August 2004 (06-08-2004)	(Earliest) Priority date ( <i>day/month/year</i> ) 12 August 2003 (12-08-2003)
Applicant MAGNA INTERNATIONAL INC. ET AL		
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.		
<p>This international search report consists of a total of <u>3</u> sheets.</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p> <p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p style="padding-left: 40px;"><input type="checkbox"/> the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box II).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (See Box III).</p> <p>4. With regard to the title.</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="padding-left: 40px;"><input type="checkbox"/> the text has been established by this Authority to read as follows :</p> <p>5. With regard to the abstract.</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="padding-left: 40px;"><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the drawings,</p> <p>a. The figure of the drawings to be published with the abstract is Figure No. 2</p> <p style="padding-left: 40px;"><input type="checkbox"/> as suggested by the applicant.</p> <p style="padding-left: 40px;"><input type="checkbox"/> As selected by this authority, because the applicant failed to suggest a figure.</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> As selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> None of the figures is to be published with the abstract.</p>		

Form PCT/ISA/210 (first sheet) (January 2004)

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2004/002528

**A. CLASSIFICATION OF SUBJECT MATTER**  
According to International Patent Classification (IPC) or to both national classification and IPC  
B23K 26/20, B23K 26/16, B23K 26/32

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC7 B23K, US Class. 228 /173

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Welding Journal Research Supplement, International Society for Optical Engineering Conference Proceeding

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)  
Delphion "welding and laser and galvanized", Canadian Patent database "B23K and laser and galvanized"

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO90/11161 (Behler et al.) 04 October 1990 (04.10.1990) Entire document	1-2
A	US 5626776 (Morris Jr.) 06 May 1997 (06.05.1997) Entire document	1-2
A	US 6528756 B2 (Degawa et al.) 04 March 2003 (04.03.2003) Entire document	1-3
A	US 5104032 (Spiel et al.) 14 April 1992 (14.04.1992)	1-2

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

* Special categories of cited documents :	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international-type search  
07 December 2004 (07-12-2004)

Date of mailing of the international-type search report  
24 January 2005 (24-01-2005)

Name and mailing address of the ISA/  
Commissioner of Patents  
Canadian Patent Office - PCT  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/IB2004/002528**

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
WO9011161	04-10-1990	DE3820848 A1	13-04-1989
		DE3844727 C2	07-12-1995
		DE3844856 A1	29-10-1992
		DE3909471 A1	27-09-1990
		WO9011161 A1	04-10-1990
US5626776	06-05-1997	US5454480 A	03-10-1995
		US5626776 A	06-05-1997
US6528756	04-03-2003	EP1184126 A2	06-03-2002
		JP2001276989 A	09-10-2001
		JP2001276990 A	09-10-2001
		JP2001276991 A	09-10-2001
		US6528756 B2	04-03-2003
US5104032	14-04-1992	DE3933408 A1	30-08-1990
		EP0421091 A1	10-04-1991
		ES2048374T T3	16-03-1994
		JP2571976B2 B2	16-01-1997
		US5104032 A	14-04-1992